

241901077

PONSURABHI V

**Ex. No: 10**

**Date:17/10/2025**

## **MITM ATTACK WITH ETTERCAP**

### **AIM:**

To initiate a MITM attack using ICMP redirect with Ettercap tool.

### **ALGORITHM:**

1. Install ettercap if not done already using the command-dnf  
install ettercap
2. Open etter.conf file and change the values of ec\_uid and  
ec\_gid to zero from default. vi /etc/ettercap/etter.conf
3. Next start ettercap in GTK    ettercap -G
4. Click sniff, followed by unified sniffing.
5. Select the interface connected to the network.
6. Next ettercap should load into attack mode by clicking Hosts followed by  
Scan for Hosts
7. Click Host List and choose the IP address for ICMP redirect
8. Now all traffic to that particular IP address is redirected to some other IP  
address.
9. Click MITM and followed by Stop to close the attack.

### **OUTPUT:**

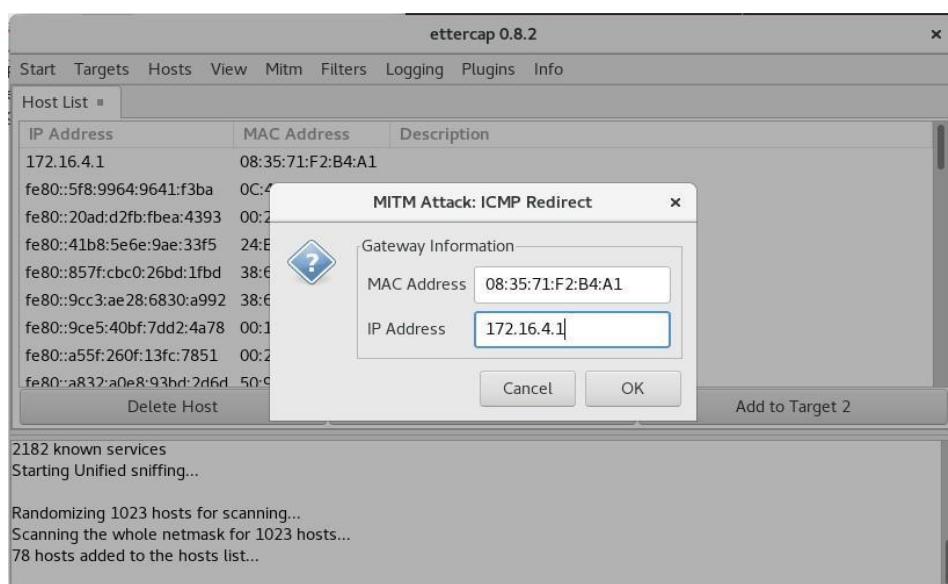
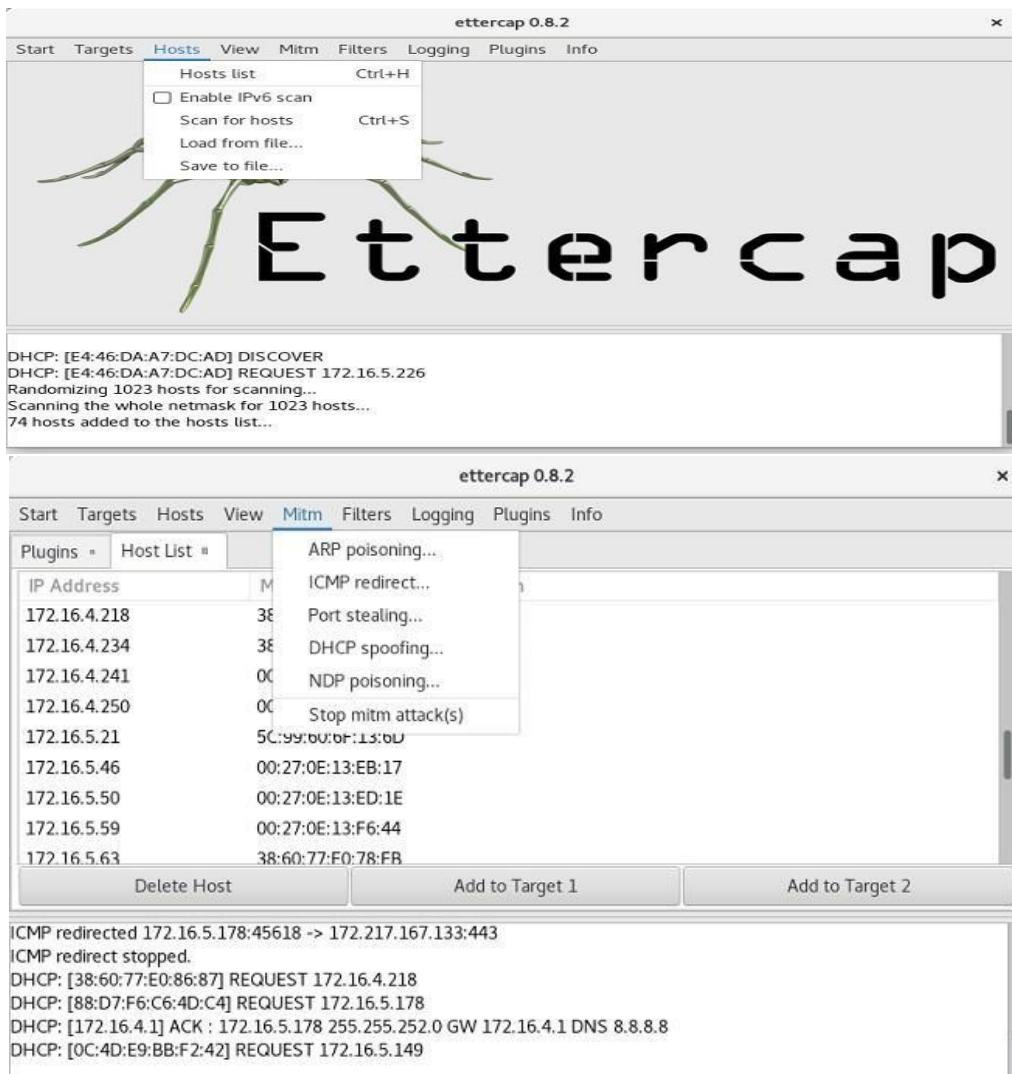
```
[root@localhost]# sudo apt install ettercap-graphical
```

```
[root@localhost]# vi /etc/ettercap/etter.conf
```

```
[root@localhost]# ettercap -G
```

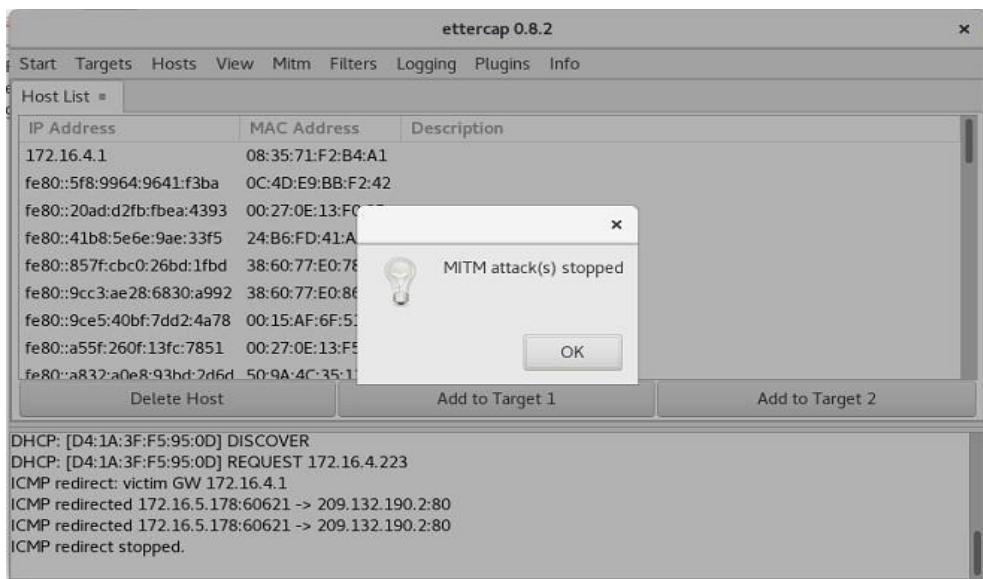
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## RESULT:

Thus the MITM attack has been successfully executed using Ettercap tool.